

In the Claims:

1-48 (Cancelled)

49. (new) A method for operating a wireless communication system that supports an analog air interface, the method comprising:

broadcasting, by a base station of the wireless communication system, at least one parameter intended to preclude a mobile station from unilaterally reporting its protocol capabilities to the base station;

querying the mobile station, by the base station, on an analog channel to report its protocol capabilities to the base station;

receiving, by the base station via an analog channel, a protocol capability report from the mobile station, wherein the protocol capability report indicates at least one extended service and at least one extended services delivery option supported by the mobile station;

identifying an extended service and an extended service delivery option that are commonly supported by the wireless communication system and the mobile station; and

servicing, by the base station via an analog channel, the extended service to the mobile station using the extended service delivery option.

50. (new) The method of claim 49, wherein broadcasting, by a base station of the wireless communication system, at least one parameter intended to preclude a mobile station from unilaterally reporting its protocol capabilities to the base station comprises broadcasting instructions intended to preclude non-roaming mobile stations from unilaterally reporting their protocol capabilities to the base station.

51. (new) The method of claim 49, wherein broadcasting, by a base station of the wireless communication system, at least one parameter intended to preclude a mobile station from unilaterally reporting its protocol capabilities to the base station comprises broadcasting instructions intended to preclude roaming mobile stations from unilaterally reporting their protocol capabilities to the base station.

52. (new) The method of claim 49, wherein broadcasting, by a base station of the wireless communication system, at least one parameter intended to preclude a mobile station from unilaterally reporting its protocol capabilities to the base station comprises:

broadcasting first parameters that direct non-roaming mobile stations whether to unilaterally report their protocol capabilities to the base station; and

broadcasting second parameters that direct roaming mobile stations whether to unilaterally report their protocol capabilities to the base station.

53. (new) The method of claim 49:

wherein the base station queries the mobile station to report its protocol capabilities via an analog control channel; and

wherein the mobile station camps on the analog control channel for a period of time to await delivery of an extended service after reporting its protocol capabilities to the base station.

54. (new) The method of claim 53, wherein the period of time is comparable to a period of time the mobile station would camp on the analog control channel after responding to a page from the base station.

55. (new) The method of claim 49:

wherein the base station queries the mobile station to report its protocol capabilities via a traffic channel; and

wherein the base station temporarily interrupts an ongoing call on the traffic channel to transmit the query to the mobile station.

56. (new) The method of claim 55, further comprising, prior to querying the mobile station, the base station taking over servicing of the ongoing call from another base station of a differing wireless communication system in a handover operation.

57. (new) A method for operating a mobile station to receive extended services from a wireless communication system, the method comprising:

receiving a broadcast transmission from a base station of the wireless communication system, the broadcast transmission including at least one parameter intended to preclude the mobile station from unilaterally reporting its protocol capabilities to the base station;

receiving a query from the base station on an analog channel to report protocol capabilities supported by the mobile station;

transmitting a protocol capability report to the base station that indicates at least one extended service and at least one extended services delivery option supported by the mobile station; and

receiving extended services from the base station corresponding to the at least one extended services delivery option supported by the mobile station.

58. (new) The method of claim 57, wherein the broadcast transmission includes parameters intended to preclude non-roaming mobile stations from unilaterally reporting their protocol capabilities to the base station.

59. (new) The method of claim 57, wherein the broadcast transmission includes parameters intended to preclude roaming mobile stations from unilaterally reporting their protocol capabilities to the base station.

60. (new) The method of claim 57, wherein the broadcast transmission includes:  
first parameters intended to direct non-roaming mobile stations whether to unilaterally report their protocol capabilities to the base station; and  
second parameters intended to direct roaming mobile stations whether to unilaterally report their protocol capabilities to the base station.

61. (new) The method of claim 57:  
wherein the mobile station receives the query via an analog control channel; and  
further comprising camping, for a period of time, on the analog control channel to await delivery of an extended service after reporting its protocol capabilities to the base station.

62. (new) The method of claim 61, wherein the period of time is comparable to a period of time the mobile station would camp on the analog control channel after responding to a page from the base station.

63. (new) The method of claim 57:

wherein the mobile station receives the query via a traffic channel while servicing an ongoing call; and

wherein the ongoing call is temporarily interrupted to receive the query and to transmit the protocol capability report.

64. (new) The method of claim 63, further comprising the call being handed over from a previously serving wireless communication system to the wireless communication system.

65. (new) A wireless communication system that supports an analog air interface, the wireless communication system comprising:

a switch;

a base station communicatively coupled to the switch and operable to broadcast at least one parameter that is intended to preclude a mobile station from unilaterally reporting its protocol capabilities to the base station;

the base station further operable to query the mobile station on an analog channel to report its protocol capabilities;

the base station further operable to receive, via an analog channel, a protocol capability report from the mobile station, wherein the protocol capability report indicates at least one extended service and at least one extended services delivery option supported by the mobile station;

the wireless communication system operable to identify an extended service and an extended service delivery option that are commonly supported by the wireless communication system and the mobile station; and

the base station further operable to service, via an analog channel, the extended service to the mobile station using the extended service delivery option.

66. (new) The wireless communication system of claim 65, wherein the at least one parameter is intended to preclude non-roaming mobile stations from unilaterally reporting their protocol capabilities to the base station.

67. (new) The wireless communication system of claim 65, wherein the at least one parameter is intended to preclude roaming mobile stations from unilaterally reporting their protocol capabilities to the base station.

68. (new) The wireless communication system of claim 65, wherein the at least one parameter comprises:

a first parameter intended to direct non-roaming mobile stations whether to unilaterally report their protocol capabilities to the base station; and

a second parameter intended to direct roaming mobile stations whether to unilaterally report their protocol capabilities to the base station.

69. (new) The wireless communication system of claim 65:

wherein the base station is operable to query the mobile station to report its protocol capabilities via an analog control channel; and

wherein the mobile station is operable to camp on the analog control channel to await delivery of an extended service after reporting its protocol capabilities to the base station for a period of time.

70. (new) The wireless communication system of claim 69, wherein the period of time is comparable to a period of time the mobile station would camp on the analog control channel after responding to a page from the base station.

71. (new) The wireless communication system of claim 65:

wherein the base station is operable to query the mobile station to report its protocol capabilities via a traffic channel; and

wherein the base station is operable to temporarily interrupt an ongoing call on the traffic channel to transmit the query to the mobile station.

72. (new) A mobile station comprising:

means for receiving a broadcast transmission from a base station of the wireless communication system, the broadcast transmission including at least one parameter intended to preclude the mobile station from unilaterally reporting its protocol capabilities to the base station;

means for receiving a query from the base station on an analog channel to report protocol capabilities supported by the mobile station;

means for transmitting a protocol capability report to the base station that indicates at least one extended service and at least one extended services delivery option supported by the mobile station; and

means for receiving extended services from the base station corresponding to the at least one extended services delivery option supported by the mobile station.

73. (new) The mobile station of claim 72, wherein the broadcast transmission includes instructions intended to preclude non-roaming mobile stations from unilaterally reporting their protocol capabilities to the base station.



74. (new) The mobile station of claim 72, wherein the broadcast transmission includes instructions intended to preclude roaming mobile stations from unilaterally reporting their protocol capabilities to the base station.

75. (new) The mobile station of claim 72, wherein the broadcast transmission includes:

first parameters intended to direct non-roaming mobile stations whether to unilaterally report their protocol capabilities to the base station; and

second parameters intended to direct roaming mobile stations whether to unilaterally report their protocol capabilities to the base station.

76. (new) The mobile station of claim 72, further comprising:  
means for receiving the query via an analog control channel; and  
means for camping, for a period of time, on the analog control channel to await delivery of an extended service after reporting its protocol capabilities to the base station.

77. (new) The mobile station of claim 76, wherein the period of time is comparable to a period of time the mobile station would camp on the analog control channel after responding to a page from the base station.

78. (new) The mobile station of claim 72, further comprising:  
means for receiving the query via a traffic channel while servicing an ongoing call; and

means for temporarily interrupting the ongoing call to receive the query and to transmit the protocol capability report.